

Reservoir 13 is provided at its upper end with ports P<sub>1</sub>, P<sub>2</sub>, P<sub>3</sub> and P<sub>4</sub>. Port P<sub>1</sub> is coupled by water line L<sub>1</sub>, which is in the form of a flexible plastic tube, to mouth water inlet 12, while port P<sub>2</sub> is coupled by an air vent line L<sub>2</sub>, also in the form of a flexible tube, to the mouth air vent valve 24. 5

When, therefore, the spout of the water bottle is inserted in mouth inlet 12 to feed water into the reservoir, air vent valve 24 is opened by the inserted spout to vent air displaced from the reservoir as it is being filled. The air vent valve is closed automatically when the spout is withdrawn from the inlet. The one-way valve included in water inlet 12 (not shown in FIGS. 10 and 11) is caused to open when the spout is inserted and closes when the spout is withdrawn.

Port P<sub>3</sub> is coupled by a main water line L<sub>3</sub> to nozzles 21 by way of branch lines L<sub>a</sub> and L<sub>b</sub>. Port P<sub>4</sub> is coupled by air line L<sub>4</sub> to compressible pneumatic actuator 15 which is provided with one-way outlet valve 30 which is closed when actuator 15 is compressed to force air into reservoir 13 to produce a positive pressure, thereby causing water from the reservoir to supply nozzles 21 through line L<sub>3</sub>. When actuator 15 is released, the resultant negative pressure causes air valve 30 to open to admit air into the actuator. 20

Thus no component of the water supply system is exposed, other than the small inlet in the open mouth of the doll, and the manner in which tearing takes place is concealed. In most cases, only the player knows that the tearing action is controlled simply by squeezing one arm of the doll, and the child playing with the doll can mystify and thereby impress others who see the doll tear on command without knowing why.

While there has been shown and described a preferred embodiment of a tearing eye doll in accordance with the invention, it will be appreciated that many changes and modifications may be made therein without, however, departing from the essential spirit thereof. Thus the pneumatic actuator need not be located in an arm of the doll, but may be placed in the body or in a leg or at any other site accessible to the user.

We claim:

1. A tearing eye doll comprising:
  - (a) a head having a pair of synthetic eyes socketed therein, each being formed by an eye-shaped porous block having a face which simulates the white of a human eye and an impermeable disc seated in a recess in the face, said disc having an outward fall and being colored to simulate an iris and a pupil therein; 50

(b) a nozzle received in a cavity in said block behind the disc for injecting water into the block, the water passing through pores of the block and emerging from the face thereof to form a water film thereon from which tears drop; and

(c) means including an actuator to force water from a reservoir disposed in said doll to said nozzle only when said actuator is operated.

2. A doll as set forth in claim 1, wherein the face of the block and the face of the disc are slightly convex to simulate a natural eye.

3. A doll as set forth in claim 1, wherein said block is formed of porous polyethylene material.

4. A doll as set forth in claim 1, wherein said actuator is a pneumatic actuator. 15

5. A doll as set forth in claim 4, wherein said doll is provided with a hollow arm of flexible material and said actuator is a compressible bulb disposed in said arm which is operated when the arm is squeezed.

6. A doll as set forth in claim 4, further including an air valve to admit air into said actuator when it is released to create a negative pressure.

7. A doll as set forth in claim 1, wherein said reservoir is disposed in the neck of the doll.

8. A doll as set forth in claim 1, further including means to replenish the water in said reservoir.

9. A doll as set forth in claim 8, wherein said means is constituted by an inlet in the mouth of the doll into which one can feed water, said inlet being coupled to said reservoir, and an air valve which is actuated when water is being fed into the reservoir to then vent the reservoir to discharge air displaced therefrom.

10. A doll as set forth in claim 9, wherein said inlet is jointed to said air valve which is provided with a valve actuator pin that is intercepted by a spout inserted in the inlet to feed water therein to then open the air valve, the air valve being closed when the spout is withdrawn.

11. A synthetic eye for a tearing doll comprising:

- (a) an eye-shaped block of porous material having a white face to simulate the sclera of a natural eye and a disc mounted on the face which is colored to simulate the iris and pupil of a natural eye, said block having a cavity therein behind the disc; and
- (b) means disposed in said cavity to inject pressurized fluid into the block to cause the fluid to pass through pores of the block and form a liquid film on the face thereof from which tears drop.

12. An eye as set forth in claim 11, wherein said means is constituted by a nozzle which projects the liquid in opposing directions to impinge on the wall of the cavity.

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